



SWARC NEWS

Meeting Notes

Notes from KK4BK

If you are like me – I am tired of hearing about the pandemic. It has put a dent in every facet of our lives.

The thing I miss the most is our monthly South Wake HAM meetings. Dinners, seeing others, learning from other members projects, and just the general joking that goes on. During our July meeting, we attempted our first ZOOM meeting of the pandemic. Folks in the meeting seemed to like the change of venue from the repeater. And, for me – seeing smiling faces made it that much better.

For August we are going to do another ZOOM meeting. Folks can connect from a laptop or a tablet of their choice. No Camera is required, but it sure does liven up things when we see how bad everyone's haircuts are looking.

July starts our membership drive. Not having in-person meetings makes it tough to hand Christie or Ryan the dues. The South Wake website has a membership section where a form can be downloaded and mailed into the club P.O. Box. For me, there are 3 important fields I would like you to fill in. 1) phone number. 2) email address and 3 ARRL Membership.

Since we have multiple nets a day, it is easier than ever to let folks know you are still around and doing well. Please take it upon yourselves to reach out to members and local neighbors alike if you have not seen or heard from them. Two recent stories caught my eye where HAM operators nowhere near the sick or injured played instrumental parts in someone's life.

As soon as we are cleared to meet in our regular setting, we will resume monthly in person meetings.

KK4BK

South Wake Amateur Radio Club Treasurer Report

June 2020

Club Addition and Reduction Activity

Additions

Dues	30.00	cash	Bill Blomgren (KK4QDZ)
Dues	30.00	check# 1117	Richard Hall (K7RLH)
Dues	35.00	cash	Brian Knox (KK4BK)
Dues	35.00	cash	Mike Gaither (K4MWG)
Dues	35.00	check# 4191	Christine (KJ4AEO) and Gino (KI4YXO) Fernandini
Dues	30.00	check# 1564	Manuel Garcia (KB4NC)
Dues	30.00	check# 338	Dianne Young (KE4VNX)
Dues	30.00	check# 126	Kenneth Yaw (KN7AW)
Dues	30.00	check# 8341	Gary Rogers (WA4YMZ)
Dues	35.00	check# 8579	Charles (W4DBI) and Denise (K3FHL) Galloway
Dues	7.50	money order 5562	Jeff Stewart (K4ZXX)
Dues	30.00	check# 3219	John Poplawski (WB4UFO)
Donation	605.00	cash	sale of donated radio equipment
Raffle	280.00	cash	sale of raffle tickets

Total Additions 1242.50

Reductions

Raffle prizes	511.90	cash	(2) \$250 Visa gift cards
Donation	1000.00	check# 1692	Danny Hampton PCRN (88 members x \$10=\$880 + \$120 donation)

Total Reductions 1511.90

RBC Bank Account Activity

Balance as of 06/01/2020	1304.31		
Addition	1242.50		
Reduction	1511.90		

Balance as of
07/06/2020 1034.91

Christine Fernandini KJ4AEO 07/06/2020

MEMBERSHIP

Just a reminder that it is that time again to pay membership dues.

\$30 for individual and \$5 for each family member.

You can bring a check or cash to the next meeting or mail them to the club PO box and Christy will let me know she has received them so I can update the list. If you mail them, give me a heads up so I can mark it as pending on the roster.

Makes checks payable to South Wake ARC.

If you are going to mail it, send it to South Wake ARC – PO Box 1565 – Fuquay Varina, NC 27526

I will be developing an online form so new members can fill out the application online and mail or bring a check to a meeting.

I will be reaching out to all members here soon to make sure I have the latest contact information, addresses, etc so I can make sure the membership list reflects current information.

Thanks

Ryan Avery

NC4RA

rwavery@charter.net

NET REPORT

6/2/2020	KG4ZVN	KJ4CVK
6/3/2020	Wednesday Net	K7RLH
	K7RLH	
	KK4BK	
	N4AED	
	AB4PP	
	KK4QDZ	
	WA4TCJ	
	WA3JJG	
	N4BAJ	
	KE4QBW	
	NIVK	
6/3/2020	KC2BXN	K7RLH
6/4/2020	Thursday Net	K7RLH
	K7RLH	
	N4NCK	
	WA3JJG	
	KK4QDZ	
	N4AED	
	KT4JR	
	KK4VUS	
	KM4ARS	
	KE5OLM	
	KI4WAI	
6/4/2020	KN4OTA	K7RLH
6/7/2020	Sunday Net	K7RLH
	K7RLH	
	KK4BK	
	N4AED	
	KK4QEL	
	W4BRG	
	N4BAJ	
	KK4QDZ	
	WA4TCJ	
6/7/2020	KI4WAK	K7RLH
6/8/2020	Monday Net/Mtg	K7RLH
	K7RLH	

	K4MWG	
	KK4BK	
	KD4MC	
	KJ4CVK	
	K4AAA	
	KK4QDZ	
	KN4JJU	
	WA4TCJ	
	KI4LO	
	K4IPL	
	K4VJC	
	WB4UFO	
	N2UHI	
	WA3JJG	
	KA0GMY	
	K4ITL	
	KN4OEY	
	KE5OLM	
6/8/2020	KI4YII	K7RLH
6/9/2020	swarc net	kj4cvk
	KJ4CVK	
	ak4xz	
	wa3jjg	
	ki4ran	
	KN4WDO	
	KK4QDZ	
	KK4BK	
	KN4OEY	
	KM4ARS	
	KW4HEW	
	KW4SST	
6/9/2020	K1JCA	KJ4CVK
6/10/2020	Wednesday Net	K7RLH
	K7RLH	
	KK4BK	
	KK4QDZ	
	KM4ARS	
	N4YYS	
	KJ4CVK	
	KN4OEY	
	WA3JJG	
	KN4JJU	

6/10/2020	N4NCK	
6/14/2020	Sunday Net	K7RLH
	K7RLH	
	KK4BK	
	KN4OEY	
	KE4QBW	
	WA3JJG	
	KJ4CVK	
	N4BAJ	
	KK4QDZ	
	AK4XZ	
6/14/2020	N4NCK	K7RLH
6/15/2020	Monday Net	K7RLH
	K7RLH	
	KK4QDZ	
	AK4XZ	
	WA3JJG	
	KJ4CVK	
	KE5OLM	
6/15/2020	WA4TCJ	K7RLH
6/16/2020	SWARC TUESDAY NET	KJ4CVK
	KJ4CVK	
	ad5zb	
	kk4bk	
	KD4MC	
	WA3JJG	
	AK4XZ	
	KK4QDZ	
	N4BAJ	
	K7RLH	
	KJ4WLG	
	WA4TCJ	
	KE4QBW	
	KJ4EJM	
6/16/2020	KE5OLM	KJ4CVK
	K7RLH	
	KK4QDZ	
6/16/2020	KE4QBW	K7RLH
	K7RLH	
	KK4QDZ	
	KE4QBW	
	N4BAJ	

	WA3JJG	
6/17/2020	KK4BK	
6/17/2020	old geezers net	kj4cvk
	KJ4CVK	
	ad5zs	
	kk4gee	
	KK4QDZ	
	KD4MC	
	K4VJC	
	N4BAJ	
	K4MSE	
	K7RLH	
	K4ZXX	
	KE4QBW	
	KN4OEY	
	KN4KY	
	KJ4WLG	
	N1VK	
	W1AAN	
	N2UHI	
	KM4ASE	
	KI4RAN	
	KE5OLM	
	K04DHJ	
6/17/2020	N4NCK	KJ4CVK
6/21/2020	Sunday SWARC	K7RLH
	K7RLH	
	KG4JOK	
	WA3JJG	
	KK4QDZ	
	KJ4CVK	
	KK4BK	
	NC4MP	
	AK4XZ	
6/21/2020	KI4WAI	K7RLH
6/22/2020	Monday SWARC	K7RLH
	K7RLH	
	KK4BK	
	WA4TCJ	
	W1JCA	
	WA3JJG	
	KK4QDZ	

	KI4RAN	
	KD4MC	
	KN4VTT	
	KJ4CVK	
	KE4QBW	
6/22/2020	KE5OLM	K7RLH
6/23/2020	KK4BK	
6/23/2020	AKYXZ	
6/23/2020	KI4RAN	
6/23/2020	N4BAJ	
6/23/2020	K7RLH	
6/23/2020	WE4QBW	
6/23/2020	KN4JLA	
6/24/2020	SWARC Wed. Net	K7RLH
	K7RLH	
	KM4IFY	
	KN4KYV	
	KK4BK	
	KG4JOK	
	N4BAJ	
	KK4QDZ	
	KK4BK	
	KE4VNX	
	KI4RAN	
6/24/2020	N4AED	K7RLH
6/25/2020	KK4BK	K7RLH
	K7RLH	
	KM4ARS	
	KM4JZA	
	KK4QDZ	
	N4BAJ	
	KK4BVU	
6/25/2020	KM4IJK	K7RLH
6/26/2020	OL GEEZER	KK4BK
	K4VJC	
	KD4MC	
	KM4ARS	
	WIJCA	
	KK4QDZ	
	WA4TCJ	
	KJ4CVK	
	KA0GMY	

	KO4BHJ	
	W1AAN	
	N1VK	
	KE4RUN	
	N4RMV	
	NK3N	
6/26/2020	KK4BK	
6/28/2020	SWARC Sunday	K7RLH
	K7RLH	
	KK4BK	
	WA4TCJ	
6/28/2020	KK4QDZ	K7RLH
	K7RLH	
	KK4BK	
	KK4QDZ	
	KM4GDU	
	WA4TCJ	
	KE4QBW	
	KJ4CVK	
	NC4MP	
	KI4RAN	
6/29/2020	KN4OEY	K7RLH

Hi Gang hopefully next month I will be able to give you a more readable net report and will be able to do something with the Old Geezer Net. I want to thank KK4BK for working with me in order to get the nets into the news letter. KJ4CVK AND K7RLH also chipped in and deserve and big thank you.

Public Service

Check the RARS web site often for Public Service opportunities.

BOARD OF DIRECTORS

Appointed Positions

President

Brian Knox – KK4BK

Vice President

Richard Hall – K7RLH

Secretary

Andy McDaniel – KN4JJU

Treasurer

Christy Fernandini - KJ4AEO

Member-At-Large

Al Crawford – WA4TCJ

Member-At-Large

Bernie Jones – N4BAJ

Member-At-Large

Mike Gaither – K4MWG

Membership Chair

Ryan Avery – NC4RA

NET MANAGER

Steve – KA0GMY

Special Events Director

Gino Fernandini – KI4YXO

Public Service Director

David Krum – NW3U

SWARC Mission Statement

South Wake ARC's primary purpose is to further the Amateur Radio Service through programs, activities, and education, in order to promote the radio knowledge, fraternalism and individual operating efficiency of our members. Further, it shall be our purpose to support the welfare of our community through public service including radio communications for emergency situations and public events, and through providing information, training, and assistance to individuals or organizations with an interest in the Amateur Radio Service.

LINKS (if you have other links you want added then send them to me)

PRN

A Wide Area Digital Amateur Radio Network www.ncprn.net

GigaParts

www.gigaparts.com

QRZ

www.qrz.com

Ham Radio Outlet HRO

www.hamradio.com

Raleigh Amateur Radio Society RARS

www.rars.org

Johnson Amateur Radio Society JARS

www.jars..net

South Wake Amateur Radio Club SWARC

www.southwakearc.com

There are events going on all the time: you got Islands on the Air (IOTA), and then there is working Light Houses, don't forget all the special events there is something new each week. Here is one for you Mark, N4MQU is always setting up and working from different locations or likes to run different nets as the net control. See how many times you can work Mark in his different rolls during the week. If nothing else take your radio to the backyard and work some stations. Just have fun.

ATTENTION

Our club is like other clubs we have a mixture of memberships. We have everything from young pre-teen members to those like myself who were active during the Civil War. Anyway the point I am trying to make is us younger guys need to be checking in on our older members to see if they could use any help. Question of the month WHO HAVE YOU HELPED THIS MONTH? I know that free testing has started back up and a lot of new hams in the area. Let's make an effort to let these new hams know that the South Wake ARC is the club to join. Introduce them to the nets. Demonstrate the radio room to them. There are a number of things you can show them.

FCC Announces Closing of Filing Window at its Headquarters

07/14/2020

The FCC permanently closed its filing location at FCC Headquarters — Open Window Counter, 445 12th Street SW, Room, TW-A325, Washington, DC 20554 — effective on July 7. This change is for security measures, and in anticipation of the upcoming FCC Headquarters move. Hand-carried documents will no longer be accepted at the FCC Headquarters.

After COVID-19 restrictions are lifted, 9050 Junction Drive, Annapolis Junction, Maryland 20701, will be the only location where hand-carried documents for the FCC will be accepted. The filing window for hand-carried documents will be open from 8 AM until 4 PM, Monday through Friday.

“These changes are being made to enhance security measures and in conjunction with the Commission’s upcoming relocation to a new headquarters building located at 45 L Street NE, Washington, DC 20554, which is scheduled to occur later this year,” the FCC said in announcing the change.

Yasme Foundation Supporting Grant will Expand Reverse Beacon Network

07/14/2020

The Reverse Beacon Network (RBN) will gain 15 new nodes, thanks to the Yasme Foundation. These new nodes will be added in regions where there is a need for reception reports to support amateur radio operation and where those reports will also have scientific value for geophysical research. Yasme was assisted in this effort by supporting grants from Amateur Radio Digital Communications (**ARDC**) and by scientific advice from **HamSCI** researchers. Node locations will be available after a final list of hosts is available.

AMSAT-DL Submits Lunar Lander Proposal to European Space Agency

07/13/2020

Germany’s amateur satellite organization **AMSAT-DL** has submitted a comprehensive **proposal** to the European Space Agency (**ESA**) for its Lunar Amateur Radio Transponder (LunART) lunar lander — a communications platform on the Large European Lander to support communication and payload experiments. AMSAT-DL’s Peter Gülzow, DB2OS, and Matthias Bopp, DD1US, say that a LunART (called “LunaART” in the **AMSAT-DL proposal**) would support direct communication with Earth via amateur radio, support university and student payloads and offer direct access to their experiments, and expand the reach of radio science. It could also provide backup communication capability and capacity during an emergency, or when the ESA network is busy.

The comprehensive radio platform would use the European frequency protocol of 2.4 GHz up and 10.45 GHz down (approximately 100 W), pioneered in the **QO-100** satellite, the first geosynchronous amateur radio payload. The platform would also include a VHF/UHF transponder. AMSAT-DL would develop and build the necessary hardware and software and provide ground station support via the 20-meter dish at AMSAT-DL headquarters in Bochum, Germany. They envision developing a smaller ground station with an approximately 1-meter dish to support groups, including schools and universities. Low-power beacons would transmit on various frequencies from VHF (145 MHz) through SHF (up to 24 GHz or even 47 GHz), AMSAT-DL’s proposal says.

“This transponder would also be an ideal platform to develop new transmission schemes with novel modulation and coding techniques optimized for long-distance communications with the corresponding high latency (long delays),” AMSAT-DL said. “This would provide essential knowledge in preparation of a future Mars mission.” In addition, LunART could include the capability to transmit still or slow-scan television images and video to schools “from cameras attached to the lander

monitoring the moon surface and perhaps the Earth in the background [which] would be ideal stimuli for getting school kids and STEM organizations further interested in space.”

The proposal is on open access at the ESA website and is now being evaluated. AMSAT-DL’s LunART follows the Lunar Amateur Radio Interaction Experiment (LARIE) proposal from Andy Thomas, G0SFJ. Both refer to weak signal modes and suggest the same frequency bands. Thomas said he welcomes LunART as a well-developed proposal and hopes ESA will support it as well. —
Thanks to Southgate Amateur Radio News, AMSAT-DL, and ESA

Upcoming ARRL Contest

August 2020 1-2 222 MHz and Up Distance Contest 15-16 10 GHz & Up – Round 1 16 Rookie Roundup – RTTY	September 2020 12-14 September VHF 19-20 10 GHz & Up - Round 2 12-13 EME - 2.3 GHz & Up
October 2020 19-23 School Club Roundup 10-11 EME - 50 to 1296 MHz	November 2020 7-9 Nov. Sweepstakes – CW 21-23 Nov. Sweepstakes – Phone 28-29 EME - 50 to 1296 MHz
December 2020 4-6 <u>160 Meter</u> 12-13 10 Meter 20 Rookie Roundup–CW	

